INTRODUCTION

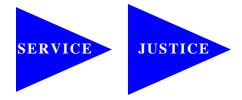
The attached table is a compilation of the court automation infrastructure standards adopted by the Missouri Court Automation Committee. Note that the standards specify minimum configurations and also the configuration most commonly purchased now. These are for new purchases and do not impact current equipment and software, which work successfully with Court Automation solutions.

Because of Judicial Information System (JIS) requirements, the Standards have been expanded to include more specific language relating particularly to server and printer specifications.

- The Applications Server provided for each court is reserved for JIS and other system applications. It is configured by technical staff for the optimal configuration. No modifications to the server are allowed without specific approval, in writing, by the Project Director.
- Print requirements for JIS dictate the use of networked printers. Printers shared from workstations and local printers are not acceptable for JIS.

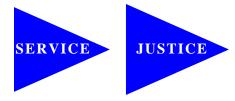
Software versions have generally been removed from the descriptions with the current released version of software accepted as standard. The significant exception to this is that the network operating system for the Application Server <u>must be</u> Microsoft Windows **2000 Advanced Server**, **Service Pack 4 and Windows Server 2003 Enterprise**. This version and service pack level is routinely installed on these servers and may not be changed.

For courts not purchasing from the competitively bid state contracts, specifications for court automation workstations are attached. These specifications must be used to guarantee compliance and compatibility.



Missouri Court Automation **ACCESS** Hardware and Software Standards November 2004

OSCA Help Desk SERVERS	OSCA Help Desk SERVERS, WORKSTATIONS AND PRINTERS		
Desktop Personal Computer	For new computers:		
(Minimum Configuration)	Pentium processor (MHz based on current availability)		
	■ 512 MB RAM		
	■ 20 GB hard drive		
	■ 17" SVGA color monitor		
	■ 3COM or Integrated Intel 10/100/1000 or		
	Integrated Broadcom 10/100/1000 Ethernet card		
	CD-ROM drive		
	 Sound Card 		
	■ Floppy		
Laptop Personal Computer	For new computers:		
(Minimum Configuration)	Pentium processor (MHz based on current availability)		
	■ 512 MB RAM		
	■ 20 GB hard drive		
	■ 14" or greater TFT XGA color screen		
	■ 3COM 574 or Integrated Intel 10/100/1000 or		
	Integrated Broadcom 10/100/1000 Ethernet card		
	 CD-ROM drive and Floppy Drive 		
	 Sound Card (recommended, but optional) 		
	 Modem (minimum speed of 56kbps support for the 		
	Hayes AT command set)(recommended but optional)		
	Serial/Parallel Port Capability		
Servers – LAN, Lotus Notes, Forms	HP/Compaq Proliant		
(Minimum Configuration)	Pentium 1.5 – 2 GHz 1 GB RAM 3 – 36 GB hard drives		
	Hot Swapable drive		
Servers – Application	HP/Compaq Proliant		
(Minimum Configuration)	Pentium 1.5 – 2 GHz, dual processor 1GB RAM 5-36		
	GB hard drives		
	RAID-5 redundancy/RAID 0+1		
	Hot Swapable drive		
Printers	Hewlett Packard LaserJet and DeskJet Series		
W. G. W.	For ALL Courts, printers <u>must</u> support PCL5, PCL6 and		
Most Common Now:	Postscript		
HP LaserJet 2300DN or 2300DTN			
HP 4200N or 4200TN or 4300N			
HP 3000N (color printer)	I amount Outer Carle MICD		
HP 1300N	Lexmark Optra S with MICR modules (may need to be customized)		
Printable area must be at least a quarter inch	For courts which elect to print magnetic coding on		
each side of the page and support postscript	checks- Must contact OSCA technical staff before		
printing.	purchasing.		



Missouri Court Automation Hardware and Software Standards November 2004

Hardware/Software Component	Standard
Multifunction Products	Acceptable:
With printer, copier, FAX, scanner capabilities	■ HP 4101 & HP 4100
	 Canon ImageRunner
	 Lexmark X Series and OptraImage
Bar Code Printer (Label Printer)	Acceptable:
	Sato CX208TT or CX212 (Requires an external print
	server for networking)
Print Servers	Hewlett Packard Jet Direct EX Plus
	Required for network printers without an internal print server.
Bar Code Scanner	Programmable Code Laser Scanner-Wasp or Pin Point
	Handheld laser scanner with a PS/2 keyboard adapter,
	usable with Windows 95 or Windows NT application.
	WORK (LAN) PERIPHERALS
Tape Drives	ADIC, HP LTO
Uninterruptible Power Supply	APC Smart UPS
Modems	Minimum speed of 56kbps support for the Hayes AT
	command set (recommended but optional)
Optical Storage	CD-ROM/CD/CD-RW/DVD-RW
Networked CD-ROM Drive Option	Standalone CD-ROM Miniserver
LOCAL AREA NETWORK	AND WORKSTATION SOFTWARE
Network Operating System	Windows 2000 Server w/Service Pack 4 for Domain
	Controllers and File Servers
	Windows Server 2003 Enterprise Edition or
	Windows 2000 Advanced Server w/SP4
	for Application Servers/Database Servers
Desktop Operating System	Microsoft Windows 2000 Professional w/SP4
Office Automation	Microsoft Office 97 with scheduled replacement by
(Word processing, spreadsheet, presentation, and database)	Microsoft Office XP with implementation of JIS 4.1 Phase II
database)	JIS - Phase I currently requires Word 97 for its
	forms/merge functionality.
Help Desk	ASG Impact
Project Management Software	Microsoft Project
WEB Browser	Microsoft Internet Explorer
Groupware/Electronic Mail	Lotus Notes
Document Viewer	Adobe Acrobat
Anti-Virus Software	InoculateIT, Webshield Appliance
Workflow/Graphics	Visio, Netviz
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Report Generator Remote Communications	Crystal Reports, Cognos PC Anywhere, SMS
File Compression	WinZip
Network Backup Software	ARCserve, HP Data Protector
Network Management Software	Microsoft System Management Server (SMS), Cisco
Network Management Software	Works, MS Software Update Services (SUS), HP Openview, MRTG
Defragmentation Software	Disk Keeper



Missouri Court Automation Hardware and Software Standards November 2004

WAN/LAN COMPONENTS		
Hubs and Switches	Cisco	
Wireless Bridge	Cisco/Alvarion	
Routers	Cisco	
LAN Wiring	Category 5E UTP Wiring System	
LAN Topology	10/100/1000 Base T or 10/100 Base T	
Network Protocol	TCP/IP	
Internet Access	IVDN Network (State of Missouri Network)	
Remote Access/Security	Microsoft Remote Access Service (RAS) and RSA	
	Secure ID tokens	
VPN	Cisco VPN 3000	
	Cisco Pix Firewall	
VPN Client	Cisco VPN Client	

For Additional information, contact OSCA at (573) 522-5577 or via Lotus Notes at OSCA Help Desk

Statewide Court Automation Minimum Personal Computer Requirements for Courts Conducting Competitive Bid Process

The following are the <u>minimum</u> requirements for personal computers for use with statewide court automation. If a court is not purchasing computers from the prime vendor contract, the following must be specified:

- Intel Pentium® processor
- Intel motherboard
- 512 MB RAM with 512K L2 Cache
- 3 Com 905C PCI or Integrated Intel 10/100/1000 or Integrated Broadcom 10/100/1000 NIC
- CD ROM drive
- 16 MB PCI or AGP Video card
- 17" SVGA Color Monitor, .28dot, 1024x768 resolution @ 75hz
- 20 GB Ultra ATA IDE hard drive
- 104 key keyboard
- Microsoft or Logitech PS/2 Mouse
- DMI 2.0 compliant desktop management software
- Desktop or Tower Case
- Windows 2000 Professional or Windows XP Professional (Note: XP will be downgraded to Win2K)
- InoculateIT anti-virus software
- 3 year warranty w/1 year on-site
- 7 x 24 toll free telephone support
- All components must be on the Windows Hardware Compatibility list

If a computer does not meet these minimum specifications, the Office of State Courts Administrator will not be able to ensure that court automation software will work correctly or that OSCA support will be available. Peripheral devices that have not been provided by OSCA such as wireless mice and/or keyboards, headsets, PDA's etc. will be removed if found to be contributing to the malfunctioning of a workstation or laptop.